

INTERNATIONAL SEARCH REPORT

International Application No
1. /IB2005/002826

A. CLASSIFICATION				
F01N11/00 F01N3/22 F01N3/30 F02D9/02 F01N3/32				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) FOIN F02D				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal , PAJ				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document, with indication where appropriate of the relevant passages	Relevant to claim No		
A	US 5 852 929 A (KATO ET AL) 29 December 1998 (1998-12-29) column 1, line 66 - column 2, line 14; claims 1,3; figures -----	1,8		
A	EP 0 663 516 A (HITACHI AUTOMOTIVE ENGINEERING CO., LTD; HITACHI, LTD; HITACHI CAR ENG) 19 July 1995 (1995-07-19) column 3, line 36 - column 4, line 53; figures -----	1,8		
A	US 5 140 810 A (KURODA ET AL) 25 August 1992 (1992-08-25) column 2, line 10 - column 3, line 29; figures -----	1,8		
		-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C		<input checked="" type="checkbox"/> Patent family members are listed in annex		
<p>⁹ Special categories of cited documents</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"B" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>				
Date of the actual completion of the international search		Date of mailing of the international search report		
10 January 2006		17/01/2006		
Name and mailing address of the ISA		Authorized officer		
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	DE 103 44 910 A1 (GENERAL MOTORS CORP. , DETROIT) 13 May 2004 (2004-05-13) paragraphs '0005! - '0010!; figures -----	1,8
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 129 (M-1098), 28 March 1991 (1991-03-28) & JP 03 015619 A (NISSAN MOTOR CO LTD), 24 January 1991 (1991-01-24) abstract -----	1,8

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